

Amendments to the Drawings:

The attached sheet of drawings includes changes to Figs. 1-3, 5, 8, 9B, and 11. These sheets are submitted herewith to replace the original sheets. In Fig. 1, the reference labels "170" and "180" were added. Fig. 2 has been revised to correct a typographical error in box 225. Fig. 3 has been revised to include the reference label "340" and to correct a typographical error in box 380. Fig. 5 has been revised to correct a typographical error by substituting three uses of the reference label "525" for "560", "570", and "580". Fig. 8 has been revised to include the reference label "802". Fig. 9B has been revised to correct the ordering of content within blocks 940 and 945. Fig. 11 has been revised to correct a typographical error by substituting the reference label "1130" for "1100".

Attachment: Replacement Sheets

REMARKS

In the Office Action, claims 13-14, 22-23, and 29 were objected, claim 30 was rejected under 35 U.S.C. §112 and claims 1-12, 15-21, and 24-28 were rejected under 35 U.S.C. §102(e). Moreover, the specification and drawings were objected based on informalities. Herein, claims 1, 4, 8, 13-16, 23-24 and 30 have been amended in which independent claims 1, 8, 15 and 24 now include limitations of objected claims 13, 13, 22 and 29, respectively. Claims 31-38 have been added, where independent claim 31 is substantially consistent with allowable claim 15. Claims 22 and 29 have been cancelled without prejudice.

Specification

The specification was objected to for failing to identify the serial number of titles of related applications set forth in the specification. Applicants have altered the specification to include such information. Additionally, paragraphs [0044] and [0068] have been amended to correct minor informalities and paragraphs [0068 – 0072] have been amended to add in paragraph numbering. Applicants respectfully submit that no substantive new matter has been added to the specification and request withdrawal of the objection of the specification.

Drawings

The drawings were objected based on minor informalities. Applicants have altered the drawings to correct these informalities. Applicants respectfully request withdrawal of the outstanding objection to the drawings.

Allowable Subject Matter

Applicants note with appreciation the Examiner's indication of allowable subject matter. The Office Action states that claims 13-14, 22-23 and 29 were objected as being dependent on a rejected base claim, but indicates that the claims would be allowable if rewritten in independent form.

Herein, Applicants have amended independent claims 1, 8, 15 and 24 to include limitations of objected claims 13, 13, 22 and 29, respectively. Claim 13 has been amended to include the coherency logic limitation previously found in claim 8. Objected claims 22 and 29 have been cancelled based on the addition of such limitations into independent claims 15 and 24, respectively.

Therefore, claims 1-21, 23-28 and 30 are in condition for allowance.

Rejection Under 35 U.S.C. § 112

Claim 30 was rejected under 35 U.S.C. §112 (first paragraph) for allegedly failing to comply with the written description requirement. Applicants respectfully traverse the rejection because such information is described on page 16, lines 9-11 and page 13, lines 8-10. Withdrawal of the §112 rejection is respectfully requested.

Claims 4-6 and 16 were rejected under 35 U.S.C. §112 (second paragraph) for alleged indefiniteness. Applicants have amended claims 4 and 16 to remove the modifier "any" from these claims. Withdrawal of the outstanding §112 rejection is respectfully requested.

Rejection Under 35 U.S.C. § 102

Claims 1-12, 15-21, and 24-28 were rejected under 35 U.S.C. §102(b) as being anticipated by Vartti (U.S. Patent No. 6,624,698). Applicants respectfully traverse the rejection because a *prima facie* case of anticipation has not been established. However, further discussions of the grounds for traverse are moot based on the amendments to independent claims 1, 8, 15 and 24 as described above.

Withdrawal of the outstanding §102 rejection is respectfully requested.

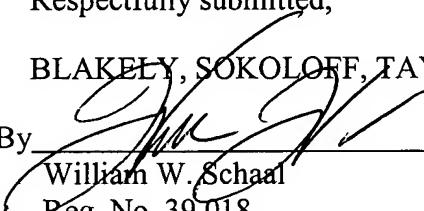
Conclusion

Applicants respectfully request that a timely Notice of Allowance be issued in this case.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

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By 
William W. Schaal
Reg. No. 39,018
Tel.: (714) 557-3800 (Pacific Coast)

Attachments

12400 Wilshire Boulevard, Seventh Floor
Los Angeles, California 90025

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Susan McFarlane
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